Title (en)

LASER RADAR DEVICE

Title (de)

LASERRADARGERÄT

Title (fr)

DISPOSITIF RADAR LASER

Publication

EP 2682784 B1 20150624 (EN)

Application

EP 11859968 A 20110302

Priority

JP 2011054797 W 20110302

Abstract (en)

[origin: EP2682784A1] A laser radar device (100) mounted on a vehicle includes a first laser emission part (R1-R4) configured to generate a measuring laser beam (L2) by using a laser beam (L0) emitted from a laser source (21) and to illuminate a predetermined area in a front traveling direction and a second laser emission part (R5, R6) configured to generate a measuring laser beam (L2) by using the laser beam (L0) emitted from the laser source (21). A beam spread angle (±), viewed from a side of the vehicle, of the measuring laser beam (L25, L26) generated by the second laser emission part (R5, R6) is larger than a beam spread angle (¸), viewed from a side of the vehicle, of the measuring laser beam (L21-L24) generated by the first laser emission part (R1-R4).

IPC 8 full level

G01S 7/481 (2006.01); **G01S 17/931** (2020.01); G02B 5/09 (2006.01); G02B 26/12 (2006.01)

CPC (source: EP US)

G01S 7/4817 (2013.01 - EP US); **G01S 17/88** (2013.01 - US); **G01S 17/931** (2020.01 - EP US); **G02B 5/09** (2013.01 - EP US); **G02B 26/12** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2682784 A1 20140108; **EP 2682784 A4 20141008**; **EP 2682784 B1 20150624**; CN 103403577 A 20131120; CN 103403577 B 20150211; JP 5541410 B2 20140709; JP WO2012117542 A1 20140707; US 2013342822 A1 20131226; US 8994928 B2 20150331; WO 2012117542 A1 20120907

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